

United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

JOHN R. MOHLER, CHIEF OF BUREAU

SERVICE AND REGULATORY ANNOUNCEMENTS.

JANUARY, 1922.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D.C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Inaugurated.

- *286. Schaffner Brothers Co., Fifteenth Street, between Ash and Wayne Streets, Erie, Pa.
- 429. The Glidden Nut Butter Co., 2654-2670 Elston Avenue, Chicago, Ill.
- 434. La Vencedora Co., 414 Central Avenue, Dubuque, Iowa.
- 370. Sidney Siegel, 1141-1145 West Forty-seventh Street, Chicago, Ill.
- 761. Roma Provision Co. (Inc.), 132-133 King Street, New York, N. Y.
- 437. The Great Atlantic & Pacific Tea Co. (Inc.), 32 Terminal Way, Pittsburgh, Pa.

Meat Inspection Withdrawn.

- *715. George G. Carr, West Newbury, Mass.
- 217. Noah Siegel, Chicago, Ill.
- 772. Rogers Packing Co., Chicago, Ill.
- 296-A. The Kroger Grocery & Baking Co., Cincinnati, Ohio.
- 622. Metzger Bros., New York.

Changes in Names of Official Establishments.

- 367. Dunlevy-Franklin Co., and Dunlevy Packing Co., subsidiary, 6500 Hamilton Avenue, Pittsburgh, Pa., instead of Dunlevy Packing Co.
- *68. Virginia Packing Co. (Inc.), P. O. box 248, Bristol, Va., instead of Aronhime Packing Co.

*Conducts slaughtering.

Changes in Addresses of Official Establishments.

699. William Ottmann & Co., 509-511 West Sixteenth Street, New York, N. Y., instead of 207-209 Water Street.
888. William Davies Co. and John Agar Co., 4101 South Union Avenue, Chicago, Ill., instead of 4057 Union Avenue.
852. Bernard S. Pincus, 2101-2117 Market Street, Philadelphia, Pa., instead of 222 North Delaware Avenue.
225. Dahmke Boneless Beef Co., 744 West Forty-fifth Street, Chicago, Ill., instead of 2330-2332 West Lake Street.

Station Discontinued.

West Newbury, Mass. (substation of Haverhill, Mass.).

Changes in Addresses of Officials in Charge.

- Dr. J. B. Hill, care Virginia Packing Co., P. O. box 248, Bristol, Va., instead of P. O. box 416.
Dr. J. S. Clark, P. O. box 237, Grenada, Miss., instead of Care Dixie Serum Co.
Dr. T. S. Rich, 722-723 State Office Building, Lansing, Mich., instead of State Office Building.
Dr. H. M. Newton, 722-723 State Office Building, Lansing, Mich., instead of State Office Building.
Dr. E. H. Baumann, 25 Holland Building, 17 Steuben Street, Albany, N. Y., instead of 18 Holland Building, 17 Steuben Street.

Changes of Officials in Charge.

Logansport, Ind., Dr. C. H. Deisel instead of Dr. W. H. Borchers.
Nebraska City, Nebr., Dr. G. A. Kay instead of Dr. A. M. Casper.
Ottumwa, Iowa, Dr. F. T. Suit instead of Dr. P. J. Brady.
Cedar Rapids, Iowa, Dr. A. M. Casper instead of Dr. F. T. Suit.

Note.

Substation of Erie, Pa. (meat inspection), has been changed to a station, with Dr. E. P. Barnhart in charge, care Schaffner Bros. Co., Fifteenth Street between Ash and Wayne Streets.

NOTICE REGARDING MEAT INSPECTION.**NONPOISONOUS RAT EXTERMINATORS.**

The use of poisons in rooms or compartments in which exposed meats are handled or stored is prohibited by paragraph 7, section 3, Regulation 8, B. A. I. Order 211. This prohibition has led to the employment of various so-called nonpoisonous preparations for the extermination of rats. The effectiveness of such preparations has not been established to the satisfaction of the bureau; their use has been permitted, however, on the ground that possibly they may be of value and not harmful, but under no circumstances is such permission to be construed as a recommendation or indorsement of any particular preparation. This notice touching the matter is prompted by the fact that the bureau is in receipt of information to the effect that at least one manufacturer or seller of a nonpoisonous preparation is parading a bureau letter of permission as an indorsement or recommendation of his product.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, DECEMBER, 1921.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	130,598	40,883	218,723	543	462,300
Fort Worth.....	17,770	15,942	4,712	.....	21,064
Kansas City.....	69,621	12,438	64,330	338	238,837
National Stock Yards.....	24,883	5,601	19,575	100	126,237
Omaha.....	31,899	1,859	71,991	.....	88,493
St. Louis.....	16,400	3,552	8,354	.....	154,243
Sioux City.....	14,029	387	13,398	.....	39,733
South St. Joseph.....	28,725	4,890	62,062	.....	187,111
South St. Paul.....	15,100	25,249	23,271	.....	163,445
All other establishments.....	237,167	148,244	403,565	281	2,325,330
Total: December, 1921.....	586,192	259,045	889,981	1,262	3,806,798
December, 1920.....	667,344	244,573	932,417	1,220	3,985,125
12 months ended December, 1921.....	7,608,280	3,807,568	13,004,905	12,133	38,982,356
12 months ended December, 1920.....	8,608,691	4,058,370	10,982,180	42,477	38,018,684

Horses slaughtered at all establishments, December, 1921, 248. Inspection of lard prepared at all establishments, 146,405,561 pounds; compound and other substitutes, 20,485,613 pounds. Corresponding inspections for December, 1920: Lard, 129,991,966 pounds; compound and other substitutes, 22,112,664 pounds.

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during December, 1921, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	3,642	7	13	5
Canada.....	11,902	149	3,779	.....
Great Britain.....	47	.....	.....	.....
Total: December, 1921.....	15,591	156	3,792	5
December, 1920.....	21,407	179	16,721	2
12 months ended December, 1921.....	213,409	3,026	86,248	522
12 months ended December, 1920.....	372,246	1,158	166,504	12,458

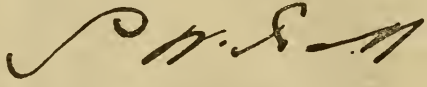
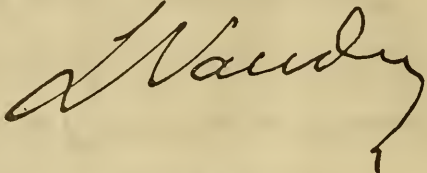
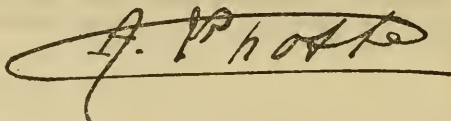
Imports of meat and meat food products, December, 1921.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Australia.....	.....	207	.....	.....	207
Canada.....	2,834,220	1,524,797	30,592	208	4,389,817
Uruguay.....	.....	2,063	429,199	.....	431,262
Other countries.....	.....	328	32,998	97,390	130,716
Total: December, 1921.....	2,834,220	1,527,395	492,789	97,598	4,952,002
December, 1920.....	2,118,274	14,341,328	140,258	415,136	17,014,996
12 months ended December, 1921.....	23,343,761	39,754,670	2,775,563	1,154,803	67,028,797
12 months ended December, 1920.....	37,841,467	112,880,750	6,951,432	7,240,377	164,914,026

Condemned in December, 1921: Beef, 10 pounds; pork, 1,653 pounds; total, 1,663 pounds. Refused entry: Pork, 150 pounds.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following are additional names and facsimile signatures of foreign national Government officials authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name.	Signature.
CHINA.	
S. W. Pratt.	
FRANCE.	
L. Naudin.	
A. Lhoste.	

Names Removed from List.

Names of foreign officials whose authority to sign and issue foreign meat-inspection certificates for meat and products exported to the United States has been revoked by their national Governments:

BRAZIL.

Capitulino Vilella Barboza.
Camillo Croone.
José Bonifacio da Cunha.
Adalgiso Ferreira de Souza.

Pietro Foschini.
Martinho de Lima Gulmaraes.
Graciliano Martins.
José B. Pereira Nonahy.

Arnaldo Cyriaco de Oliveira
Rocha.
Luiz Ribeiro de Souza.

CANADA.

Beach, A. W.
Bell, W. R.
Bennett, J. E.
Bishop, F. C.
Bovaird, James, Jr.
Brossard, G. A.
Carley, A. A. H.
Carey, M. L.
Caron, W. L.
Chambers, Alex.
Choquette, J. W.
Christian, Oscar.
Church, W. G.
Coliton, Charles.
Couture, J. N. L.
Dalgneault, F. A.
Davidson, W. B.
Derome, C. E.
Douglas, A. R.
Douglas, K. L.
Ellah, J. H.
Farewell, E. R.
Fasken, J. W.
Fisher, F.
Fisher, T. E. H.
Fox, Robert G.

Garrett, H.
Gibson, Henry H.
Gillam, W. G.
Guertin, J. O.
Gwatkin, Ronald.
Hogan, John D.
Humphreys, F. A.
James, W. H.
Jervis, Dr. J. G.
Kellam, M. J.
Kesten, S. H.
Knowles, W. B. R.
Langevin, J.
Langlois, R.
Law, Ronald G.
Lawrence, S. E.
Lemieux, E. G.
Leslie, H. C.
McCaskill, A. W.
Mason, R. M.
McKee, S. C.
McKee, Samuel C.
McLeish, J. A.
Malmas, A. J.
Maxwell, F. E.

Melanson, J. T.
Miller, M. H.
Morris, Dell Pierce.
Mumford, J. E.
Murray, A. G.
Notting, E. S.
O'Brien, Walter P.
Part, J. H.
Ramsay, A. C.
Robertson, Allan.
Rose, J. D.
Ross, Harry H.
Smith, J. W.
Spearman, Wilbert.
Tennent, D. C.
Thomas, E. B.
Thompson, J. R.
Torrie, A. R.
Ungar, E. B.
Vickers, R. J.
Walsh, F. A.
Way, Dr. A. J.
Weaver, C. H.
Whitehead, George.
Wood, Frank.

ENGLAND.

Angus, William.
Ayliffe, Frank.

Cameron, J. Spottiswoode.
Somerville, David.

FRANCE.

Abadie, F.
Albetti, François A.
Ancelin, René.
Bertaux, J.
Boudéad, A.
Boyer, Raoul.
Campagne, Gilbert.
Charbonnier, L.

Doussain, Mr.
Dumestre, Léon.
Galamez, Jules.
Jourdan, Félix.
Le Bolloch, A.
Leducq, M.
Mandres, Albert.
Mangenot, Jules.

Martin, Auguste.
Peynault, Mr.
Peyronny, W.
Rébeillard, Mr.
Richard, Joseph.
Séverac, O.
Tridon, M. G.

IRELAND.

Mark, James.

SCOTLAND.

Guy, John.

Robertson, W. S. L.

SWEDEN.

Björner, K.
Hansson, H.
Jeppson, J. H.
Kruse, H.

Lindgren, Oscar.
Magneli, Erik.
Mattson, A. T.
Moren, A. T. E.

Platon, A.
Rye-Frenneson, N. O.
Sandgren, M.

URUGUAY.

Garzon, R.

INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarian registered by the bureau and authorized to inspect and test with mallein, horses, mules, and asses intended for export to Canada:

Names Added to List.

Dr. Carl J. Norden, 130 North Tenth Street, Lincoln, Nebr.

Dr. Floyd Perrin, Lincoln, Nebr.

Change of Address.

Dr. C. C. Neidig, from Goodhue, Minn., to Aitkin, Minn.

PERMITTED DIP.
For Cattle and Sheep for Scabies.

"Nicotinum, ANCo. Brand," a nicotine dip, is permitted by the department in the official dipping of cattle and sheep for scabies. This dip is to be used at a strength of 1 gallon of the dip to not more than 945 gallons of water for the official dipping of cattle and sheep for interstate movement. This dilution will yield a solution containing not less than five one-hundredths of 1 per cent nicotine.

LICENSES AND PERMITS FOR VETERINARY BIOLOGICAL PRODUCTS.

The following permits and licenses, which have been issued under the Act of Congress of March 4, 1913 (37 Stat., 832), and regulations made thereunder (B. A. I. Order 265) and amendments thereto, were in force on January 31, 1922.

License No.	Date.	Name, location, and address of firm.	Products.
2	1921. Jan. 1	The Eagle Co., 286-314 Central Avenue, Kansas City, Kans. (Mailing address: P. O. box 106.)	Antihog-cholera serum; hog-cholera virus.
2-B	Sept. 22	The Eagle Co., 1502 Clinton Street, Nashville, Tenn.	Do.
3	Jan. 1	H. K. Mulford Co., Glen Olden, Pa. (Mailing address: Broad and Wallace Streets, Philadelphia, Pa.)	<p> Anthrax vaccine; antianthrax serum; anti-blackleg serum; antituberculous serum; anticanine distemper serum; anti-equine abortion serum; antihemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (swine); anti-influenza serum (equine); antipyrogenes-bacillus serum (bovine); antistreptococcic serum (equine); antiwhite-scur serum (bovine); autogenous bacterin; blackleg aggressin; blackleg filtrate; blackleg vaccine; bovine-abortion bacterin; bovine-abortion serobacterin; bovine-abortion serovaccine; canine-distemper serobacterin; equine-abortion bacterin (mixed); equine-abortion serobacterin (mixed); equine influenza bacterin (mixed); equine influenza serobacterin (mixed); equine navel-ill serobacterin (mixed); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (sheep); hemorrhagic-septicemia bacterin (swine); hemorrhagic-septicemia serovaccine (bovine); mallein; normal horse serum; polyvalent bacterin mixed (bovine); polyvalent bacterin mixed (canine); polyvalent bacterin mixed (equine); polyvalent bacterin mixed (rabbits); polyvalent bacterin mixed (swine); pyrogenes bacillus serobacterin (bovine); rabies vaccine; staphylo-bacterin (equine); streptobacterin (equine); tetanus antitoxin; tuberculin; white-scur serobacterin mixed (bovine). </p>
4	Apr. 7 Jan. 1	.....do..... The Abbott Laboratories, 4739-4753 Ravenswood Avenue, Chicago, Ill. (Mailing address: 4753 Ravenswood Avenue)	<p> Botullnus antitoxin. </p> <p> Autogenous bacterin; bacillus abortus bacterin (bovine); bacillus avisepticus bacterin; bacillus suissepticus bacterin; blackleg filtrate; blackleg vaccine; canine-distemper bacterin (mixed); equine-abortion mixed bacterin; equine hemorrhagic-septicemia bacterin; gastroenteritis mixed bacterin (equine); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (for sheep); joint-ill mixed bacterin (equine); mastitis mixed bacterin (bovine); mixed bacterin (for rabbits); mixed-infection bacterin (bovine); mixed-infection bacterin (canine); mixed-infection bacterin (for fowls); mixed-infection bacterin (for sheep); mixed-infection bacterin (for swine); pig-scur mixed bacterin; polyvalent mixed bacterin (equine); staphylo-bacterin (canine); streptobacterin (equine); streptococcus-mastitis bacterin (bovine); swine-abortion mixed bacterin; white-scur mixed bacterin (bovine). </p>
	June 10	.....do.....	Tuberculin.

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
5	1921. Jan. 1	Parke, Davis & Co., Parkedale Farm, near Rochester, Mich., and Atwater and McDougall Streets, Detroit, Mich. (Mailing address: Atwater and McDougall Streets.	Anthrax vaccine; antianthrax serum; anti-blackleg serum; antidistemper serum (canine); antihemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (ovine); antihemorrhagic-septicemia serum (porcine); anti-influenza serum (equine); antistreptococcic serum (equine) antiwhite-scur serum (bovine); blackleg aggrassin; blackleg filtrate; blackleg vaccine; bovine hemorrhagic-septicemia bacterin; bovine hemorrhagic-septicemia vaccine; canine-distemper mixed bacterin; colon bacterin (equine); equine-influenza mixed bacterin; mallein; mixed-infection bacterin (lepine); mixed-infection phylacogen (equine); normal horse serum; ovine hemorrhagic-septicemia bacterin; ovine hemorrhagic-septicemia vaccine; pneumonia phylacogen (equine); porcine hemorrhagic-septicemia bacterin; porcine hemorrhagic-septicemia vaccine; staphylococcus-streptococcus bacterin (canine); streptococcus-staphylococcus bacterin (equine); tetanus antitoxin; tuberculin; white-scur bacterin (bovine).
6	Aug. 25 Jan. 1	.....do..... Pitman-Moore Co., near Zionsville, Ind. (Mailing address: 111-117 North Capitol Avenue, Indianapolis, Ind.	Autogenous bacterin. Anticalf-scur serum; antidistemper serum (equine); antihemorrhagic-septicemia serum (for cattle); antihemorrhagic-septicemia serum (for rabbits); antihemorrhagic-septicemia serum (for swine); antihog-cholera serum; anti-influenza serum (equine); antimixed-infection serum (for swine); antistreptococcic serum (equine); autogenous bacterin; calf-scur mixed bacterin; canine-antidistemper serum; canine-distemper mixed bacterin; distemper mixed bacterin (for horses); equine antihemorrhagic-septicemia serum; equine-influenza mixed bacterin; fowl cholera bacterin; hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for horses); hemorrhagic-septicemia bacterin (for sheep); hemorrhagic-septicemia vaccine (for cattle); hemorrhagic-septicemia vaccine (for sheep); hemorrhagic-septicemia vaccine (for swine); hog-cholera virus; mastitis-mixed bacterin (for cattle); metritis-mixed bacterin (for cattle); mixed bacterin (for rabbits); mixed bacterin (for swine); normal horse serum; pig-scur mixed bacterin; strep-staph-boli bacterin (for cattle); strep-staph-boli bacterin (for horses).
	Apr. 26	.....do.....	Antiblackleg serum; blackleg filtrate; tetanus antitoxin; tuberculin.
	Dec. 22	.....do.....	Abortion vaccine (bovine).
8	Apr. 25	The Heyner Serum Co., 1873 F Street, Franklin, Nebr.	Antihog-cholera serum; hog-cholera virus.
9	Jan. 1	Lederle Antitoxin Laboratories, Middletown Road, near Pearl River, N. Y. (Mailing address: Pearl River, N. Y.)	Abortion vaccine (bovine); anthrax-spore vaccine; antianthrax serum; antiblackleg serum; anticanine-distemper serum; antihemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (porcine); antihog-cholera serum; anti-influenza serum (equine); antiwhite-scours serum (bovine); blackleg filtrate; blackleg vaccine; canine-distemper mixed vaccine; colon vaccine (equine); equine-influenza mixed vaccine; hemorrhagic-septicemia combined vaccine (for cattle); hemorrhagic-septicemia combined vaccine (for sheep); hemorrhagic-septicemia combined vaccine (for swine); hemorrhagic-septicemia vaccine (for fowls); hog-cholera virus; mallein; mixed bacterial vaccine (equine); mixed bacterial vaccine (for swine); rabies vaccine; staphylococcus combined vaccine (equine); streptococcus combined vaccine (equine); tetanus antitoxin; tuberculin; white-scours vaccine mixed (for calves).
	Feb. 8	.....do.....	Blackleg aggrassin.

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
10	1921. Jan. 1	The Wichita & Oklahoma Serum Co., Wabash and East Twenty-first Street, Wichita, Kans.	Antihog-cholera serum; hog-cholera virus.
11	...do....	Sioux Falls Serum Co., 2000 Wabash Avenue, Sioux Falls, S. Dak. (Mailing address: Sioux Falls.)	Do.
12	...do....	The Royal Serum Co., Adams and Osage Streets, Kansas City, Kans. (Mailing address: Packers Station, Kansas City.)	Do.
17	...do....	Beebe Laboratories (Inc.), 155-163 West Third Street, St. Paul, Minn. Biologic farm at Larpenner Avenue and White Bear car line. (Mailing address: 161 West Third Street.)	Abortion-bacterin mixed (bovine); abortion vaccine (bovine); anticalf-scur serum; anticanine-distemper serum; antiquine-influenza serum; antihemorrhagic-septicemia serum (for cattle); antihemorrhagic-septicemia serum (for sheep); antihemorrhagic-septicemia serum (for swine); anti-pig-dysentery serum; blackleg aggrassin; blackleg filtrate; blackleg vaccine; calf-scur vaccine (mixed); canine-distemper vaccine (mixed); equine-influenza vaccine (mixed); hemorrhagic-septicemia vaccine (for cattle); hemorrhagic-septicemia vaccine (for fowls); hemorrhagic-septicemia vaccine (for sheep); hemorrhagic-septicemia vaccine (for swine); mallein; mastitis vaccine mixed (for cattle); mixed-infection vaccine (for cattle); mixed-infection vaccine (for rabbits); mixed-infection vaccine (for swine); navel-ill vaccine mixed (for colts); normal horse serum; pig-dysentery vaccine (mixed); polyvalent vaccine mixed (equine); tetanus antitoxin; tuberculin.
18	...do....	The Stock Yards Serum Co., 211 Central Avenue, Kansas City, Kans.	Antihog-cholera serum; hog-cholera virus.
21	...do....	Continental Serum Laboratories Co., Isett Avenue, Muscatine, Iowa. (Mailing address: Muscatine, Iowa.)	Abortus bacterin (bovine); antihog-cholera serum; anti-influenza mixed bacterin (equine); autogenic bacterin; blackleg filtrate; blackleg vaccine; colon bacterin (bovine); hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for chickens); hemorrhagic-septicemia bacterin (for horses); hemorrhagic-septicemia bacterin (for sheep); hemorrhagic-septicemia bacterin (for swine); hog-cholera virus; mastitis mixed bacterin (bovine); mixed-infection bacterin (bovine); mixed infection bacterin (swine); navel-ill mixed bacterin (equine); polyvalent mixed bacterin (equine).
23	...do....	The Missouri Valley Serum Co., 50 North Second Street, Kansas City, Kans.	Antihog-cholera serum; hog-cholera virus.
24	...do....	Sihler Serum Co., 208-210 Central Avenue, Kansas City, Kans. (Mailing address: 1602 West Sixteenth Street, Kansas City, Mo.)	Do.
25	...do....	Interstate Vaccine Co., 58 Greystone Avenue, Kansas City, Kans. (Mailing address: Substation 2, Kansas City, Mo.)	Do.
26	...do....	Kaw Valley Serum Co., 115 Greystone Avenue, Kansas City, Kans. (Mailing address: Substation 2, Kansas City, Mo.)	Do.
27	...do....	The Simonson Serum Farm, near Hooper, Nebr. (Mailing address: Hooper, Nebr.)	Do.
30	...do....	Kansas Serum Co., corner Noon and Green Streets, Manhattan, Kans. (Mailing address: P. O. box 21.)	Do.
32	...do....	The Standard Serum Co., 9, 11, 13, 15 South Second Street, Kansas City, Kans.	Do.
34	Feb. 8	Peters Serum Co., northwest corner South Second and Myers Avenue, Kansas City, Kans. (Mailing address: 1612 West Sixteenth Street.) Kansas City, Mo.	Do.

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
37	1921. Jan. 1	Sioux City Serum Co., 1319 Bluff Road, Sioux City, Iowa. (Mailing address: 231-233 Live Stock Exchange Building.)	Antihog-cholera serum; hog-cholera virus.
39	Apr. 26	Purity Biological Laboratories, south of Chicago Street, between the C. & N. W. tracks & Missouri River, Sioux City, Iowa. (Mailing address: 305-307 Exchange Building, Stock Yards.)	Do.
39-A	Jan. 1	Purity Biological Laboratories, corner Chambers and Chicago Streets, Sioux City, Iowa.	Abortion vaccine (bovine); antibrackleg serum; blackleg aggressin; blackleg filtrate; hemorrhagic-septicemia vaccine (bovine); hemorrhagic-septicemia vaccine (ovine); hemorrhagic-septicemia vaccine (porcine); mixed vaccine (for swine).
40	...do....	Cedar Rapids Serum Co., 123 Twenty-third Avenue, West, Cedar Rapids, Iowa.	Antihog-cholera serum; hog-cholera virus.
41	...do....	Kinsley Laboratories, 400-406 New Centre Building, Fifteenth and Troost, Kansas City, Mo.	Antibortion bacterin (bovine); anti-influenza mixed bacterin (equine); antiwhite-scur mixed bacterin (bovine); antigenous bacterin; canine-distemper bacterin; colon bacterin (bovine); hemorrhagic-septicemia bacterin (cuniculi); hemorrhagic-septicemia combined bacterin (avian); hemorrhagic-septicemia combined bacterin (bovine); hemorrhagic-septicemia combined bacterin (equine); hemorrhagic-septicemia combined bacterin (ovine); metritis-mixed bacterin (bovine); mixed bacterin (swine); pig-scur mixed bacterin; polyvalent-mixed bacterin (equine); pyaemic arthritis mixed bacterin (equine); staphylococcus combined bacterin (canine); streptococcus bacterin (equine); streptococcus mastitis bacterin (bovine); swine-plague bacterin.
	Sept. 20	.....do.....	Abortion bacterin (equine); abortion-mixed bacterin (swine).
48	Jan. 1	The Swine Breeders Pure Serum Co., 1½ miles southeast of Thorntown, Ind. (Mailing address: Thorntown, Ind.)	Antihog-cholera serum; hog-cholera virus.
49	...do....	The Slee Laboratories, Swiftwater, Pa.	Anticanine-distemper serum; tetanus antitoxin.
52	...do....	The Cutter Laboratory, Fourth and Parker, and Sixth and Grayson Streets, Berkeley, Calif. (Mailing address: Sixth and Grayson Streets.)	Anthrax vaccine; antianthrax serum; anti-blackleg serum; anticalf-scur serum; anticanine distemper serum; antidistemper and anti-influenza serum (equine); antihemorrhagic-septicemia serum (bovine); antihemorrhagic-septicemia serum (ovine); antimixed infection serum (swine); antigenous bacterin; bacillus-abortion bacterin; (bovine); bacillus-abortion vaccine (bovine); blackleg aggressin; blackleg filtrate; blackleg vaccine; calf-scur mixed bacterin; canine-distemper bacterin; canine-distemper mixed bacterin; chicken-pox vaccine; fowl cholera bacterin; hemorrhagic-septicemia bacterin (bovine); antihog-cholera serum; hog-cholera virus; hemorrhagic-septicemia bacterin (sheep); hemorrhagic-septicemia bacterin (swine); influenza-mixed bacterin (equine); mallein; mastitis-mixed bacterin (bovine); mixed bacterin (bovine); mixed bacterin (rabbits); mixed-infection bacterin (swine); navel-ill mixed bacterin (equine); pneumonia-mixed bacterin (equine); polyvalent-mixed bacterin (equine); rabies vaccine; staphylococci bacterin (goats); staph-strep-coli bacterin (equine); streptococci bacterin (equine); tetanus antitoxin; tuberculin.
54	...do....	Kansas State Agricultural College Vaccine Laboratories, Manhattan, Kans.	Antibrackleg serum; blackleg aggressin; blackleg filtrate; blackleg vaccine.

Licenses and permits for veterinary biological products—Continued.

Licence No.	Date.	Name, location, and address of firm.	Products.
56	1921. Jan. 1	The Southwestern Serum Co., 308 East Twenty-first Street, and on premises of Establishment 202, Wichita, Kans. (Mailing address: 308 East Twenty-first Street.)	Antihog-cholera serum; hog-cholera virus.
61	...do....	Guilfoil Serum Co., 18-20-22 North Second Street, Kansas City, Kans.	Do.
69	1922. Jan. 25	Southern Serum Co., Springfield Road, near Westplains, Mo. (mailing address: Westplains, Mo.)	Do.
70	1921. Jan. 1	The St. Joseph Veterinary Laboratories, 1502 Garfield Avenue, St. Joseph, Mo. (Mailing address: Ninth and Mary Streets.)	Do.
72	...do....	Central Missouri Serum Co., east end of East Eastwood Avenue, Marshall, Mo. (Mailing address: Box 344.)	Do.
74	Feb. 15	Ralston Serum Co., Seventy-eighth and Serum Avenue, Ralston, Nebr.	Do.
77	Jan. 1	Corn Belt Serum Co., 215 Winstanley Avenue, East St. Louis, Ill.	Do.
78	...do....	The University of California, Berkeley, Calif. (Mailing address: 101 Budd Hall.)	Chicken-pox vaccine; chicken-pox virus.
83	...do....	E. R. Squibb & Sons, Georges Road, New Brunswick, N. J. (Mailing address: New Brunswick, N. J.)	Anticall-scour serum; anticanine-distemper serum; antiequine-influenza serum; antihemorrhagic-septicemia serum (for cattle); antihemorrhagic-septicemia serum (for sheep); antihemorrhagic-septicemia serum (for swine); antirabic virus; canine-distemper vaccine; mallein; tetanus antitoxin; tuberculin.
84	Aug. 2	Grain Belt Supply Co., 4901 South Thirty-third Street, Omaha, Nebr.	Antihog-cholera serum; hog-cholera virus.
85	Jan. 1	The Western Laboratories, French Camp, Calif. (Mailing address: Twenty-fourth and Broadway, Oakland, Calif.)	Do.
91	...do....	Gregory Farm Laboratory, near White Hall, Ill. (Mailing address: White Hall, Ill.)	Do.
99	...do....	The Corn States Serum Co., 4420 U Street, Omaha, Nebr. (Mailing address: 1025 Mason Street.)	Do.
102	...do....	The Lathrop Serum Co., Lathrop, Mo.	Do.
103	...do....	Fowler Serum Co., Second Street and Splitlog Avenue, and 335 North James Street, Kansas City, Kans. (Mailing address: Kansas City, Kans.)	Do.
104	...do....	Swan-Myers Co., 219 North Senate Avenue, Indianapolis, Ind.	Abortion bacterin (bovine); avian hemorrhagic-septicemia bacterin; bacillus suispestifer bacterin; bovine hemorrhagic-septicemia bacterin; bovine mastitis-mixed bacterin; canine-distemper bacterin (mixed); equine-colon bacterin; equine-Co hemorrhagic-septicemia bacterin; equine-influenza bacterin; equine-influenza bacterin (mixed); equine staphylococcus aureus and albus bacterin; mixed bacterin (for rabbits); mixed-infection bacterin (for swine); navel-infection mixed bacterin (equine); ovine hemorrhagic-septicemia bacterin; polyvalent-mixed bacterin (equine); swine-plague bacterin; white-scour mixed bacterin (bovine).

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
107	1921. Jan. 1	Jensen-Salsbery Laboratories (Inc.), 520 West Penway, Kansas City, Mo.	Antiequine influenza bacterin (mixed); autogenous bacterin; avian tuberculin; blackleg filtrate; blackleg vaccine; bovine-abortion bacterin; bovine-abortion bacterin (mixed); canine-distemper bacterin (mixed); equine-abortion bacterin; gastro-enteritis mixed bacterin (equine); hemorrhagic septicemia bacterin (avian); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (ovine); infectious rhinitis-mixed bacterin (swine); keratitis-mixed bacterin (bovine); mallein; mastitis-mixed bacterin (bovine); metritis-mixed bacterin (bovine); mixed bacterin (canine); mixed-infection bacterin (avian); mixed-infection bacterin (for cattle); mixed-infection bacterin (rabbits); mixed-infection bacterin (swine); navel-oil mixed bacterin (equine); polyvalent-mixed bacterin (equine); rabies vaccine; scours-mixed bacterin (swine); staphylococcus bacterin (canine); streptococcus bacterin (equine); streptococcus-mastitis bacterin (bovine); swine-plague bacterin; tuberculin; white-scour mixed bacterin (bovine).
	Jan. 10 Feb. 12	.....do..... Jensen-Salsbery Laboratories (Inc.), 520 West Penway, Kansas City, Mo., and southwest corner Shawnee Road, Forest Avenue, near Rosedale, Kans. (Mailing address: 520 West Penway.)	Swine-abortion bacterin (mixed). Bovine-abortion vaccine.
	May 20 Oct. 3	.....do..... .....do.....	Blackleg aggressin. Antihemorrhagic-septicemia serum (for cat- tle); antihemorrhagic serum (for sheep); antihemorrhagic-septicemia serum (for swine); botulinus antitoxin.
	Nov. 1	.....do.....	Anticalf-scour serum; anticanine-distemper serum; normal horse serum.
	Dec. 2	.....do.....	Anti-influenza serum (equine).
108	Jan. 1	Universal Serum Co., 101 St. Clair Avenue, East St. Louis, Ill.	Antihog-cholera serum; hog-cholera virus.
110	.....do.....	American Serum Co., 2117 Leech Street, Sioux City, Iowa.	Do.
111	.....do.....	Blue Cross Serum Co., Superior, Nebr.	Do.
112	.....do.....	Fort Dodge Serum Co. (Inc.), 600 1/2 Central Avenue, Fort Dodge, Iowa, and 2 miles from the city, in Douglas Township. (Mailing address: 600 1/2 Central Avenue, Fort Dodge, Iowa.)	Abortion bacterin (bovine); antihog-cholera serum; autogenous bacterin; blackleg ag- gressin; blackleg filtrate; calf-scour mixed bacterin; canine-distemper bacterin; can- ine distemper mixed bacterin; equine influ- enza-mixed bacterin; equine-influenza bac- terin; hemorrhagic-septicemia bacterin (avian); hemorrhagic-septicemia bacterin (cattle); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (rabbits); hemorrhagic-septicemia bacterin (sheep); hemorrhagic-septicemia bacterin (swine); hog-cholera virus; keratitis-mixed bacterin (bovine); mallein; mastitis-mixed bacterin (bovine); mixed-infection bacterin (bovine); mixed-infection bacterin (swine); navel-ill mixed bacterin (equine); pig-scour mixed bacterin; pneumonia-mixed bacterin (equine); polyvalent-mixed bacterin (equine); tuberculin.
	Jan. 24	.....do.....	Anticalf-scour serum; anticanine-distemper serum; antiequine-influenza serum.
	Feb. 24	.....do.....	Normal horse serum.
	Mar. 22	.....do.....	Antihemorrhagic-septicemia serum (for cat- tle); antihemorrhagic-septicemia serum (for swine).
	May 3	.....do.....	Abortion-mixed bacterin (swine).
	May 20	.....do.....	Avian tuberculin.
	1922. Jan. 6	.....do.....	Antipig-scour serum.
	Jan. 16	.....do.....	Abortion-mixed bacterin (bovine); mixed- infection bacterin (avian).

Licenses and permits for veterinary biological products—Continued.

Licenses No.	Date.	Name, location, and address of firm.	Products.
	1921.		
114	Jan. 1	White Serum Co., 1317-19 Adams Street, Nashville, Tenn.	Antihog-cholera serum; hog-cholera virus.
115	...do....	The Denver Hog Serum Co., 5030 York Street, Denver, Colo.	Do.
116	...do....	Ottumwa Serum Co., Ottumwa, Iowa.	Do.
117-A	...do....	The Kansas Blackleg Serum Co., Second and Monroe Streets, North, Amarillo, Tex.	Blackleg aggrassin.
119	...do....	The Gilliland Laboratories, Willow Avenue, Ambler, Pa., and Biddle Street, Marietta, Pa. (Mailing address: Willow Avenue.)	Antistreptococcic serum (equine); rabies vaccine; tetanus antitoxin; tuberculin.
	June 17	The Gilliland Laboratories, Willow Avenue, Ambler, Pa.	Mallein.
	Oct. 20	...do....	Hemorrhagic-septicemia bacterin (cattle); hemorrhagic-septicemia bacterin (sheep); mixed-infection bacterin (swine).
120	Jan. 1	The U. S. Blackleg Serum Co., 3500 West Tenth Street, Oklahoma, Okla.	Blackleg aggrassin.
122	Jan. 22	The Haver-Glover Laboratories, Rooms 317-325 Argyle Building, northeast corner Twelfth and McGee Streets, Kansas City, Mo. (Mailing address: 317 Argyle Building).	Abortion-mixed vaccine (bovine); anti-influenza mixed vaccine (equine); autogenous vaccine; mixed-infection vaccine (avian); mixed-infection vaccine (bovine); mixed-infection vaccine (cuniculi); mixed-infection vaccine (ovine); mixed-infection vaccine (swine); navel-ill mixed vaccine (equine); polyvalent-mixed vaccine (equine); white-scur mixed vaccine (bovine).
	Mar. 28	...do....	Mixed-infection vaccine (canine); mixed-infection vaccine (equine).
	May 3	...do....	Abortion-mixed vaccine (swine).
	June 11	...do....	Abortion-mixed vaccine (equine).
	Nov. 25	...do....	Mastitis-mixed vaccine (bovine).
124	Jan. 1	Anchor Serum Co., south of Stock Yards, South St. Joseph, Mo. (Mailing address: Live Stock Exchange Building, St. Joseph, Mo.)	Antihog-cholera serum; hog-cholera virus.
125	...do....	Aurora Serum Co., near North Aurora, Ill. (Mailing address: Box 227, Aurora, Ill.)	Do.
126	...do....	Hamilton Chemical Co., 1 mile north of Noblesville, Ind. (Mailing address: Noblesville, Ind., R. R. No. 2.)	Do.
127	...do....	Liberty Laboratories, Seventy-seventh and Serum Streets, Ralston, Nebr.	Do.
130	...do....	The E. R. Alexander Clear Serum Co., 2109 Grand Avenue, Kansas City, Mo.	Do.
131	...do....	The Fostoria Serum Co., Columbus Avenue, Fostoria, Ohio.	Do.
132	...do....	University of Illinois, Urbana, Ill.	Botulinus antitoxin.
133	...do....	The National Vaccine & Serum Co., 501 East Las Vegas Street, Colorado Springs, Colo.	Abortion bacterin (bovine); blackleg aggrassin; blackleg filtrate; hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for sheep).
	Aug. 1	...do....	Abortion vaccine (bovine).
134	Jan. 1	Dr. D. L. Harris's Laboratory, 706 Metropolitan Building, 508 North Grand Avenue, St. Louis, Mo. (Mailing address: 706 Metropolitan Building.)	Rabies vaccine.
137	...do....	Manhattan Serum Co., Fairmount Addition, Manhattan, Kans. (Mailing address: Box 337, Manhattan, Kans.)	Antihog-cholera serum; hog-cholera virus.
138	Mar. 17	The Pasteur Laboratories of America, 366-368 West Eleventh Street, New York, N. Y.	Mallein; tuberculin.
141	Jan. 1	Capital Serum Co., 1635 Maury Street, Des Moines, Iowa.	Antihog-cholera serum; hog-cholera virus.
143	...do....	The Johnson Serum Co., northwest corner Crane & Jefferson Streets, Topeka, Kans. (Mailing address: Crane and Jefferson Streets.)	Do.
145	Dec. 29	West Plains Serum Co., Springfield Roads, West Plains, Mo.	Do.

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
148	1921. Jan. 1	Zell-Straub Laboratories (Inc.), suite 1611 Masonic Temple, 159 North State Street, Chicago, Ill.	Anticanine-distemper serum; autogenous bacterin; avian hemorrhagic-septicemia bacterin; blackleg filtrate; bovine-abortion bacterin; bovine hemorrhagic-septicemia bacterin; bovine mastitis-streptococcus bacterin; canine-distemper mixed bacterin; canine-mixed infection bacterin; equine hemorrhagic-septicemia bacterin; equine-influenza mixed bacterin; equine mixed polyvalent bacterin; ovine hemorrhagic-septicemia bacterin; swine hemorrhagic-septicemia bacterin; swine mixed-infection bacterin.
148	Sept. 8	.....do.....	Calf-scour mixed bacterin; equine-abortion mixed bacterin; equine navel-ill mixed bacterin; pig-scour mixed bacterin.
149	Aug. 3	National Single Bled Serum Co., near Plainfield, Ind.	Antihog-cholera serum; hog-cholera virus.
151	Jan. 1	The Salt City Serum Co., Fourth Street and Grand Avenue, Hutchinson, Kans.	Do.
153	June 22	The Quality Biologic Co., 86-88 North James Street, Kansas City, Kans.	Mixed bacterin (swine); mixed bovine-abortion bacterin; porcine hemorrhagic-septicemia bacterin.
	July 1	.....do.....	Avian hemorrhagic-septicemia bacterin; bovine colon bacterin; ovine hemorrhagic-septicemia bacterin.
	Oct. 11	.....do.....	Bovine hemorrhagic-septicemia bacterin.
154	Jan. 1	Rex Serum & Vaccine Co., west of Lake Street and Alabama Avenue, St. Joseph, Mo. (Mailing address: Box 86, Station D.)	Antihog-cholera serum; hog-cholera virus.
155	.....do.....	Utah Serum Co., Wilson Lane, Ogden, Utah.	Do.
156	.....do.....	The Brawner Serum Co., Converse, Mo.	Do.
158	.....do.....	Globe Laboratories, Fostepco Heights, near Fort Worth, Tex.	Do.
	June 8	Globe Laboratories, Fostepco Heights, near Fort Worth, Tex. (Mailing address: P. O. box 37, Stock Yards Station, Fort Worth, Tex.)	Blackleg aggressin.
159	Jan. 5	Albany Serum Co., Third and Front Streets, Albany, Ga. (Mailing address: P. O. box 121.)	Antihog-cholera serum; hog-cholera virus.
160	Feb. 28	Ohio Vaccine Co., near Woodruff and Neil Avenues, Columbus, Ohio. (Mailing address: Station B, Columbus, Ohio.)	Mixed-infection bacterin (for fowls).
162	Mar. 26	Monarch Biological Laboratories, Rooms 602-607 Massachusetts Building, Eighth and Wall Streets, Kansas City, Mo. (Mailing address: Room 602, Massachusetts Building.)	Abortion bacterin (bovine); hemorrhagic-septicemia bacterin (avian); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (ovine); hemorrhagic-septicemia bacterin (porcine), mixed bacterin (swine); pig-scour bacterin.
	Apr. 30	.....do.....	Abortion vaccine (bovine); autogenous bacterin; blackleg filtrate.
	May 13	.....do.....	Metritis-mixed bacterin (bovine).
	Aug. 1	.....do.....	Hemorrhagic-septicemia bacterin (cuniculi); hemorrhagic-septicemia bacterin (equine); white-scours mixed bacterin (bovine).
	Sept. 30	.....do.....	Influenza-mixed bacterin (equine); keratitis-mixed bacterin (bovine); mastitis bacterin (bovine); navel-ill mixed bacterin (equine); polyvalent-mixed bacterin (equine).
163	July 6	The Fidelity Supply Co., 1837 West Hickory Street, Oklahoma, Okla.	Antihog-cholera serum; hog-cholera virus.
164	Aug. 5	Goshen Laboratories (Inc.), 34 St. Johns Street, Goshen, N. Y.	Autogenous bacterin; bovine-abortion bacterin; bovine-abortion vaccine; calf-scour (mixed) bacterin; canine-distemper bacterin (mixed); equine-influenza bacterin (mixed) hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (ovine); keratitis-mixed bacterin (bovine); mastitis-mixed bacterin (bovine); metritis-mixed bacterin (bovine); mixed-infection bacterin (bovine); mixed-infection bacterin (swine); streptococcus mastitis bacterin (bovine); swine-plague bacterin.

Licenses and permits for veterinary biological products—Continued.

License No.	Date.	Name, location, and address of firm.	Products.
165	1921. Aug. 6	American Scientific Laboratories (Inc.), 157 West Kinzie Street, Chicago, Ill.	Autogenous bacterin: mixed bacterin (canine); mixed bacterin (cuniculi); mixed bacterin (porcine); mixed bacterin (ovine).
166	Aug. 18 Aug. 10	do. Platte Valley Serum Co., West Second Street Road, Grand Island, Nebr.	Mixed bacterin (avian). Antihog-cholera serum; hog-cholera virus.
167	Oct. 10	United States Standard Products Co., near Woodworth, Wis. (Mailing address: 111 West Monroe Street, Chicago, Ill.)	Tetanus antitoxin.
168	Oct. 15	Peerless Serum Co., northwest corner Lyons Avenue and Water Street, Kansas City, Kans.	Antihog-cholera serum; hog-cholera virus.
169	Dec. 30	Cotton States Serum Co., Franklin and Jefferson Streets, Grenada, Miss.	Do.
170	1922. Jan. 14	Atlas Serum Co., south of stock yards, South St. Joseph, Mo.	Do.
2	1921. Dec. 27	Pasteur Laboratories of America, 366-368 West Eleventh Street, New York, N. Y.	Antianthrax serum; antistreptococci serum; antitetanic serum; fowl-cholera serum; mallein; tuberculin, manufactured by Lab-pasteur Veterinary Department, Institut Pasteur, Paris, France; anthrax vaccine, manufactured by Laboratoire des Vaccins Pasteur pour l'Etranger, Paris, France; antibrackleg serum; blackleg vaccine; polyvalent serum; polyvalent vaccine, manufactured by Institut de Serotherapie de Toulouse, Toulouse and Paris, France; blackleg vaccine, manufactured by Prof. O. Thomas Laboratories, Verdun & Dijon, France.

QUANTITIES OF ANTIHOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED DURING DECEMBER, 1921.

Month.	Serum.			Simultaneous virus.		Hyperimmunizing virus.
	Ordinary.	Clear.	Total.	Ordinary.	Clear.	
December.....	c. c. 56, 313, 745	c. c. 3, 280, 935	c. c. 59, 594, 680	c. c. 1, 026, 531	c. c. None.	c. c. 9, 962, 632

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH THE VARIOUS STATES, DECEMBER, 1921.

Station.	State.	Tuberculin tests.			Total once-tested free herds.	Total accredited herds.	Total herds under supervision.	Inspector in charge.	State official.
		Herds or lots.	Cattle tested.	Reacted.					
Albany.....	N. Y..	143	3, 511	376	2, 632	253	4, 617	H. B. Leonard...	D. W. McLaury, Albany.
Albuquerque..	N. Mex	70	517	8	149	0	158	F. L. Schneider..	Mat Keenan, Albuquerque.
Atlanta.....	Ga....	42	863	43	1, 289	9	1, 469	A. L. Hirleman..	P. F. Bahusen, Atlanta.
Augusta.....	Me....	296	2, 275	58	4, 078	604	5, 418	J. B. Reidy.....	H. M. Tucker, Augusta.
Baltimore....	Md....	119	1, 894	95	1, 114	299	1, 832	T. A. Ladson....	R. C. Reed, Baltimore.
Birmingham .	Ala....	31	1, 352	15	596	57	710	C. J. Becker.....	C. A. Cary, Auburn.
Bismarck.....	N. Dak	332	6, 609	249	2, 977	340	4, 158	H. H. Cohenour .	W. F. Crews, Bismarck.
Boise.....	Idaho.	199	2, 897	18	3, 166	105	3, 617	W. A. Sullivan..	J. D. Adams, Boise.
Boston.....	Mass..	43	1, 064	51	59	42	133	E. A. Crossman..	L. H. Howard, Boston.
Do.....	R. I....	7	116	6	11	9	33	do.....	T. E. Robinson, Providence.

*Summary of tuberculosis-eradication work in cooperation with the various States,
December, 1921.—Continued.*

Station.	State.	Tuberculin tests.			Total once- tested free herds.	Total ac- cred- ited herds.	Total herds under super- vision.	Inspector in charge.	State official.
		Herds or lots.	Cattle tested.	Re- acted.					
Boston.....	N. H..	38	512	30	135	29	270	E. A. Crossman.	A. L. Felker, Con- cord.
Charleston....	W. Va.	124	813	17	1,213	142	1,485	George W. Neff.	J. H. Steward, Charleston.
Cheyenne.....	Wyo..	38	664	24	1,321	.....	1,548	John T. Dallas..	B. F. Davis, Chey- enne.
Chicago.....	Ill....	112	1,078	25	666	304	1,736	J. J. Lintner....	F. A. Laird, Springfield.
Columbia.....	S. C....	67	1,573	29	500	65	623	W. K. Lewis.....	W. K. Lewis, Col- umbia.
Columbus.....	Ohio..	112	1,838	109	1,496	512	2,540	Leo E. Davis....	B. H. Edgington, Columbus.
Denver.....	Colo..	5	114	6	3	1	14	W. E. Howe.....	Charles G. Lamb, Denver.
Des Moines....	Iowa..	156	4,010	83	2,177	377	3,749	F. H. Thompson	P. Malcolm, Des Moines.
Fort Worth....	Tex....	10	501	19	86	20	202	H. Grafke.....	L. G. Cloud, Fort Worth.
Frankfort.....	Ky....	424	3,650	77	2,443	151	3,311	W. F. Biles.....	W. H. Simmons, Frankfort.
Harrisburg....	Pa....	204	3,353	116	933	844	2,586	P. E. Quinn.....	T. E. Munce, Har- risburg.
Hartford.....	Conn..	92	2,383	674	234	50	523	R. L. Smith.....	J. M. Whittlesey, Hartford.
Helena.....	Mont.	246	4,211	41	6,080	113	12,239	R. Snyder.....	W. J. Butler, Helena.
Indianapolis..	Ind....	897	10,246	283	6,807	568	7,923	E. B. Haskin....	R. C. Juhen, In- dianapolis.
Jackson.....	Miss..	717	3,615	12	322	114	594	H. L. Fry.....	H. Chadwick, Jackson.
Jefferson City.	Mo....	2,168	21,246	183	9,499	338	10,201	Ralph Graham..	D. F. Luckey, Jef- ferson City.
Lansing.....	Mich..	600	7,861	340	8,221	264	10,203	T. S. Rich.....	H. H. Halladay, Lansing.
Lincoln.....	Nebr..	942	13,571	337	3,431	152	4,049	C. H. Hays.....	F. R. Woodring, Lincoln.
Little Rock....	Ark....	7	256	14	40	29	71	W. E. Dodd.....	J. H. Bux, Little Rock.
Madison.....	Wis....	624	15,942	477	1,576	1,435	3,684	J. S. Healy.....	C. P. Norgord, Madison.
Montpelier....	Vt....	246	5,741	206	2,445	846	3,888	A. J. De Fosset.	E. S. Brigham, Montpelier.
Nashville.....	Tenn..	77	2,085	17	553	180	797	E. I. Smith.....	G. R. White, Nash- ville.
New Orleans..	La....	48	708	37	319	48	379	R. W. Tuck.....	E. F. Flower, Bat- on Rouge.
Oklahoma.....	Okla..	83	2,411	38	476	89	1,110	C. F. Harrington	J. A. Whitehurst, Oklahoma.
Olympia.....	Wash..	548	7,106	122	3,520	79	3,798	S. O. Fladness..	L. C. Pelton, Olympia.
Pierre.....	S. Dak.	24	972	42	333	128	563	J. O. Wilson....	A. E. Beaumont, Pierre.
Portland.....	Oreg..	417	3,548	167	5,532	110	6,226	S. B. Foster.....	W. H. Lytle, Sal- em.
Raleigh.....	N. C....	720	3,758	56	5,996	261	6,337	Paul Vaughn....	Wm. Moore, Ra- leigh.
Richmond.....	Va....	145	3,262	118	1,265	601	2,269	R. E. Brookbank	J. G. Ferneyhough, Richmond.
St. Paul.....	Minn..	400	10,143	207	2,216	1,268	4,307	W. J. Fretz.....	C. E. Cotton, St. Paul.
Salt Lake City	Utah..	578	2,825	25	5,328	60	5,905	F. E. Murray....	W. A. Stephensen, Salt Lake City.
Do.....	Nev....	79	611	12	1,413	5	1,774	.....do.....	Edward Records, Reno.
Tallahassee..	Fla....	104	1,971	14	2,432	74	3,301	J. G. Fish.....	J. W. DeMilly, Tal- lahassee.
Topeka.....	Kans.	112	4,157	92	286	285	782	H. M. Graefe....	J. H. Mercer, To- peka.
Trenton.....	N. J....	41	1,423	101	101	59	283	W. G. Middleton	J. H. McNeill, Trenton.
Do.....	Del....	62	401	47	1,034	74	1,676	.....do.....	O. A. Newton, Bridgeville.
Washington..	D. C....	2	30	1	141	194	340	J. A. Kiernan...	.....do.....
Do (misc.)....	.....do.....	12	16	1	.....	.....	.....	.....do.....	.....do.....
Total.....	.....	12,563	169,703	5,116	96,644	11,587	133,481	.....	.....

NEW FISCAL REGULATIONS.

A complete revision of the Fiscal Regulations of the department has been issued, effective January 1, 1922. The Washington office will endeavor to include a copy of such regulations with each shipment of supplies ordered on all monthly requisitions of February 1. An additional supply, as necessary, should be ordered by field stations on Form P-1. It will be noted that the travel regulations are included and are shown on pages 17 to 40, inclusive. A new separate of the travel regulations will be issued in the near future, of which notice will be given.

AMENDMENTS TO THE PROPERTY REGULATIONS.

[By Memorandum No. 361 of the Office of the Secretary, dated Dec. 27, 1921.]

Paragraphs 9 and 11 of the Property Regulations are amended to read as follows:

9. *Sale or other disposition of property in general.*—Articles for which the department, in Washington, has no further use and articles which have become unserviceable will be turned over, fully listed and tagged, to the officer in charge of supplies. Upon receipt of property thus turned in, the officer in charge of supplies will place the same on exhibition, notifying all property officers of the various bureaus and offices of the fact, and transfer, without charge, to other bureaus or offices, such articles as may be desired, taking a receipt for the same, which shall be attached to the turn-in papers and become a part of the record in that particular case. The officer in charge of supplies may also take into his stock such articles as he can handle and believes at some future time may be disposed of in the same way. The officer in charge of supplies shall then call a meeting of the board of survey and dispose of the residue of the turned-in property by transfer to the General Supply Committee.

When any board of survey has decided that articles shall be sold, the sale will be advertised by notifying interested parties by letter, circular, or poster. No expense will be allowed for advertising in newspapers except by specific written authority of the Secretary. When property has been sold the board of survey will pay all expenses, take receipts therefor, and remit the net proceeds by postal money order, bank draft, or cash to the disbursing clerk of the department or appropriate fiscal agent, to be deposited in the Treasury to the credit of miscellaneous receipts. No department property shall be disposed of by private sale unless the Secretary shall so direct.

It shall be the duty of each board of survey to see to the destruction of all property which it has condemned and ordered to be destroyed. At least one member of the board shall be present when the property is destroyed, and when proper destruction has been effected, shall make and submit to the Secretary a certificate to the effect.

The transfer of property in the field from one branch of a bureau to another shall be made only upon approval of the chief of bureau.

The transfer of property in the field from one bureau to another shall be made only upon the approval of the Secretary.

The sale of property in the field by one bureau to another is prohibited. (See Administrative Regulations.)

11. *Disposition of property at field stations.*—The chiefs of bureaus, divisions, or offices are authorized to sell at field stations of the bureaus, divisions, or offices, after public notice by advertisement or otherwise, such articles of equipment as are worn out or damaged beyond repair but which have a sale value estimated at \$500 or less. The chief of the bureau, division, or office may delegate this authority to some competent and responsible official. Serviceable articles of equipment which are of no further use in the bureau, division, or office should be reported as surplus to the officer designated to act as director of sales of the department together with recommendations as to disposition.

PLACES DESIGNATED AS PUBLIC STOCKYARDS.

Cheyenne, Wyo., has been removed from the list (published in Service and Regulatory Announcements for August, 1921, p. 84) of places designated by the Bureau of Animal Industry as public stockyards at which inspection is conducted in accordance with B. A. I. Order 273, Regulation 2, section 1, paragraph 9.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Livestock Quarantine Law.

American Railway Express Co. (2 cases), interstate transportation of untested cow, \$200 fines.

Illinois Central Railroad Co., failure to clean and disinfect car, \$100 fine.

Louisville & Nashville Railroad Co. (4 cases), failure to mark waybill "Southern cattle," \$400 fines.

Missouri Pacific Railroad Co., failure to mark waybill and placard car "Southern cattle," \$100 fine.

Morgan's Louisiana & Texas Railroad & Steamship Co. (10 cases), failure to clean and disinfect car, \$1,000 fines.

Morgan's Louisiana & Texas Railroad & Steamship Co. (5 cases), unloading southern cattle into improper pens, \$500 fines.

New Orleans & Northeastern Railroad Co., failure to mark waybill "Southern cattle," \$100 fine.

Richard Ott, Elkton, Md., violation of act of Congress regarding the transportation of reactors, \$100 fine.

Twenty-Eight-Hour Law.

Atlanta, Birmingham & Atlantic Railway Co., \$100 fine.

Baltimore & Ohio Railroad Co., \$100 fine.

Boston & Maine Railroad, \$100 fine.

Chicago & North Western Railway Co. (8 cases), \$800 fines.

Georgia Railroad, \$250 fine.

Pittsburgh, Cincinnati, Chicago & St. Louis Railway Co., \$100 fine.

Seaboard Air Line Railway, \$100 fine.

Southern Railway Co. (3 cases), \$300 fines.

Wabash Railway Co., \$100 fine.

Western & Atlantic Railroad, \$100 fine.

Meat-Inspection Law.

Consolidated Grocery Co., Ashland, Ky., offering uninspected meat for interstate shipment, \$100 fine.

Penal Code of the United States.

Saul Miller, Ashland, Ky., assaulting a bureau employee in the performance of his official duties, \$50 fine.

NEW PUBLICATIONS OF THE BUREAU.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 952. Breeds of Light Horses. Revision. By H. H. Reese, Animal Husbandry Division. Pp. 16, figs. 9.

Farmers' Bulletin 1251. Standard Varieties of Chickens. V. The Bantam Breeds and Varieties. By Rob R. Slocum, Animal Husbandry Division. Pp. 24, figs. 31.

Your Future Herd. D. D. E. 10. Eight-page folder issued by the Dairy Division.

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